

=> fil reg
 FILE 'REGISTRY' ENTERED AT 11:23:51 ON 12 JAN 2006
 USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
 PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
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Property values tagged with IC are from the ZIC/VINITI data file
 provided by InfoChem.

STRUCTURE FILE UPDATES: 10 JAN 2006 HIGHEST RN 871658-99-0
 DICTIONARY FILE UPDATES: 10 JAN 2006 HIGHEST RN 871658-99-0

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH JULY 14, 2005

Please note that search-term pricing does apply when
 conducting SmartSELECT searches.

 *
 * The CA roles and document type information have been removed from *
 * the IDE default display format and the ED field has been added, *
 * effective March 20, 2005. A new display format, IDERL, is now *
 * available and contains the CA role and document type information. *
 *

Structure search iteration limits have been increased. See HELP SLIMITS
 for details.

REGISTRY includes numerically searchable data for experimental and
 predicted properties as well as tags indicating availability of
 experimental property data in the original document. For information
 on property searching in REGISTRY, refer to:

<http://www.cas.org/ONLINE/UG/regprops.html>

=> d sta que 143
 L16 STR

```

      4
      O
      ||
O - C - C - C - C - C - C - C - G1
  1  2  3  5  6  7  8  9 10 11

      C=C .C      C=C .C
    @12 13 14    @15 16 17

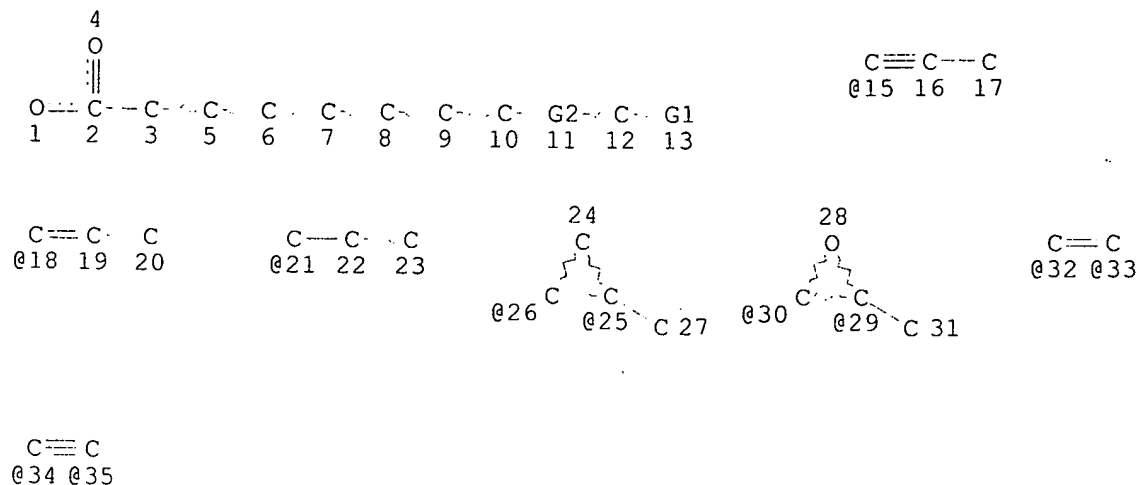
```

VAR G1=12/15
 NODE ATTRIBUTES:
 DEFAULT MLEVEL IS ATOM
 DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:
 RING(S) ARE ISOLATED OR EMBEDDED
 NUMBER OF NODES IS 17

STEREO ATTRIBUTES: NONE
 L18 27375 SEA FILE=REGISTRY SSS FUL L16
 L19 STR

**STN
 Search
 Done
 BY
 STIC**



VAR G1=15/18/21/26/25/30/29
 VAR G2=32-10 33-12/34-10 35-12

NODE ATTRIBUTES:

DEFAULT MLEVEL IS ATOM

DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:

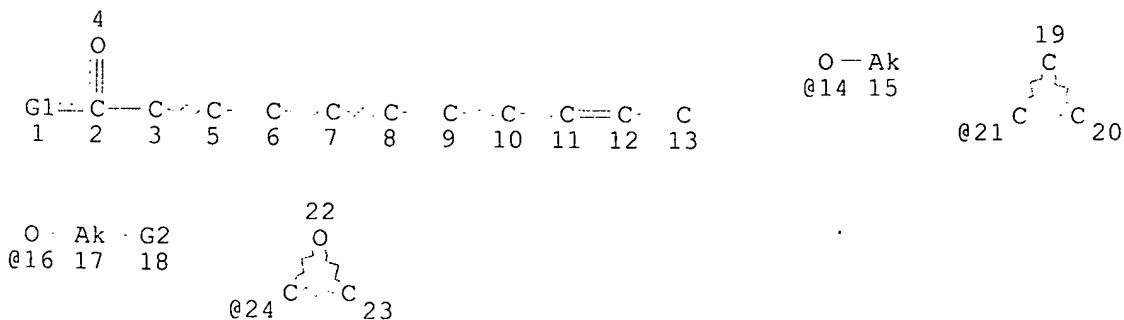
RING(S) ARE ISOLATED OR EMBEDDED

NUMBER OF NODES IS 34

STEREO ATTRIBUTES: NONE

L21 25854 SEA FILE=REGISTRY SUB=L18 SSS FUL L19

L22 STR



VAR G1=OH/14/16

VAR G2=OH/X/NH2/CN/21/24

NODE ATTRIBUTES:

CONNECT IS M1 RC AT 13

DEFAULT MLEVEL IS ATOM

DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:

RING(S) ARE ISOLATED OR EMBEDDED

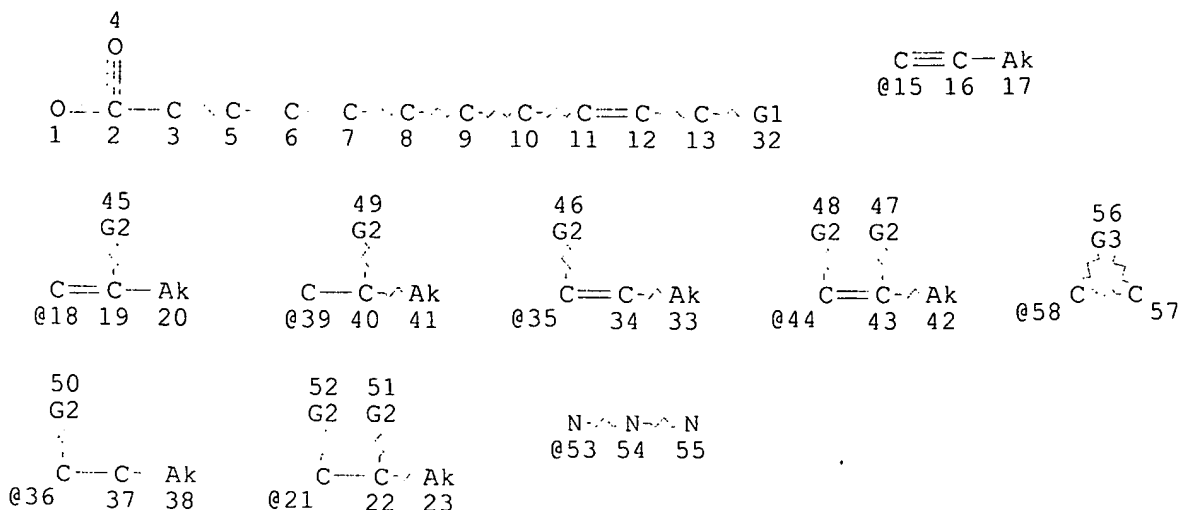
NUMBER OF NODES IS 24

STEREO ATTRIBUTES: NONE

L24 10288 SEA FILE=REGISTRY SUB=L21 CSS FUL L22

L26 SCR 2039 OR 2050 OR 2049 OR 2053 OR 2052 OR 2043 OR 2054

L28 3450 SEA FILE=REGISTRY SUB=L24 SSS FUL L26
 L29 6838 SEA FILE=REGISTRY ABB=ON PLU=ON L24 NOT L28
 L30 1831 SEA FILE=REGISTRY ABB=ON PLU=ON L29 AND IDS/CI
 L31 STR



VAR G1=15/39/36/21/18/35/44

VAR G2=O/X/N/CN/53/58

VAR G3=C/O

NODE ATTRIBUTES:

CONNECT IS M1 RC AT 1

DEFAULT MLEVEL IS ATOM

DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:

RING(S) ARE ISOLATED OR EMBEDDED

NUMBER OF NODES IS 49

STEREO ATTRIBUTES: NONE

L33 504 SEA FILE=REGISTRY SUB=L29 CSS FUL L31
 L34 67 SEA FILE=REGISTRY ABB=ON PLU=ON L33 AND L30
 L35 437 SEA FILE=REGISTRY ABB=ON PLU=ON L33 NOT L34
 L36 1 SEA FILE=REGISTRY ABB=ON PLU=ON L34 AND C38H74O3
 L37 438 SEA FILE=REGISTRY ABB=ON PLU=ON (L35 OR L36)
 L38 95 SEA FILE=REGISTRY ABB=ON PLU=ON L37 AND NC>=2
 L39 42 SEA FILE=REGISTRY ABB=ON PLU=ON L38 NOT SALT
 L40 53 SEA FILE=REGISTRY ABB=ON PLU=ON L38 NOT L39
 L41 43 SEA FILE=REGISTRY ABB=ON PLU=ON L40 NOT (C6H15NO3 OR
 C6H15NO2 OR C2H7NO OR C4H11NO2 OR C90H162O11 OR H3O4P OR
 MXS/CI)
 L42 343 SEA FILE=REGISTRY ABB=ON PLU=ON L37 NOT L38
 L43 386 SEA FILE=REGISTRY ABB=ON PLU=ON (L41 OR L42)

=> d his

(FILE 'HOME' ENTERED AT 09:59:01 ON 12 JAN 2006)

SET COST OFF

FILE 'HCAPLUS' ENTERED AT 09:59:15 ON 12 JAN 2006

L1 3 S (US20040157803 OR US6903052 OR US2003176402 OR US6887900 OR U
 E WILLIAMS D/AU

L2 230 S E3
 E WILLIAMS D J/AU
 L3 402 S E3-E9
 E WILLIAMS DER/AU
 L4 51 S E4,E10,E18-E20
 E KLOEK/AU
 L5 35 S E4-E6
 E HRESKO/AU
 L6 13 S E5,E6
 E SHORTT B/AU
 L7 15 S E3-E7
 E DAVILA/AU
 L8 22 S E4,E25-E28
 E DAVILAA/AU
 E APONTE/AU
 L9 11 S E33,E36
 E BRADLEY J/AU
 L10 111 S E3,E7,E8
 E BRADLEY JOHN/AU
 L11 100 S E3,E5
 E MCCARTER J/AU
 L12 117 S E8-E11
 E MC CARTER J/AU
 E MCLAIRD M/AU
 L13 10 S E4
 E MC LAIRD M/AU
 E DIVERGENC/PA,CS
 L14 13 S E5-E15
 SEL RN L1

FILE 'REGISTRY' ENTERED AT 10:05:30 ON 12 JAN 2006

L15 25 S E1-E25
 L16 STR
 L17 50 S L16
 L18 27375 S L16 FUL
 SAV TEMP L18 PAK655/A
 L19 STR L16
 L20 50 S L19 SAM SUB=L18
 L21 25854 S L19 FUL SUB=L18
 SAV TEMP L21 PAK655A/A
 L22 STR L19
 L23 50 S L22 CSS SAM SUB=L21
 L24 10288 S L22 CSS FUL SUB=L21
 SAV TEMP L24 PAK655B/A
 L25 15 S L15 AND L24
 L26 SCR 2039 OR 2050 OR 2049 OR 2053 OR 2052 OR 2043 OR 2054
 L27 50 S L26 SAM SUB=L24
 L28 3450 S L26 FUL SUB=L24
 SAV TEMP L28 PAK655C/A
 L29 6838 S L24 NOT L28
 L30 1831 S L29 AND IDS/CI
 L31 STR L19
 L32 30 S L31 CSS SAM SUB=L29
 L33 504 S L31 CSS FUL SUB=L29
 SAV TEMP L33 PAK655D/A
 L34 67 S L33 AND L30
 L35 437 S L33 NOT L34
 L36 1 S L34 AND C38H74O3
 L37 438 S L35,L36
 L38 95 S L37 AND NC>=2

L39 42 S L38 NOT SALT
L40 53 S L38 NOT L39
L41 43 S L40 NOT (C6H15NO3 OR C6H15NO2 OR C2H7NO OR C4H11NO2 OR C9OH16
L42 343 S L37 NOT L38
L43 386 S L41,L42
L44 392 S L25,L43
L45 6 S L44 NOT L43
SAV TEMP L43 PAK655E/A

FILE 'HCAOLD' ENTERED AT 10:52:23 ON 12 JAN 2006

L46 20 S L45
L47 134 S L43

FILE 'HCAPLUS' ENTERED AT 10:54:38 ON 12 JAN 2006

L48 38550 S L45
L49 4127 S L43
L50 6 S L1-L14 AND L48
L51 5 S L1-L14 AND L49
L52 6 S L50,L51
E NEMATOD/CT
L53 2703 S E4-E33
L54 327 S E36
E E36+ALL
E NEMATOC/CT
E E17+ALL
L55 4907 S E8
L56 17 S L48,L49 AND L53-L55
L57 59 S L48,L49 AND ?NEMATOD?
L58 12 S L48,L49 AND ?NEMATOC?
L59 64 S L52,L56-L58
L60 51 S L59 AND (PY<=2002 OR PRY<=2002 OR AY<=2002)
L61 6 S L60 AND L49
SEL RN

FILE 'REGISTRY' ENTERED AT 10:58:54 ON 12 JAN 2006

L62 70 S E1-E70
L63 13 S L62 AND L43
L64 6 S L62 AND L45
L65 51 S L62 NOT L63,L64
L66 13 S L65 AND L18

FILE 'HCAPLUS' ENTERED AT 11:03:48 ON 12 JAN 2006

L67 8 S L49 AND (L53-L55 OR ?NEMATOD? OR ?NEMATOC?)
L68 6 S L67 AND (PY<=2002 OR PRY<=2002 OR AY<=2002)
L69 14 S L52,L58
L70 6 S L63 AND L69
L71 8 S L69 NOT L70
L72 1 S L71 AND L1-L14
L73 7 S L70,L72
L74 24 S L43(L)AGR/RL
L75 61 S L49 AND AGR?/SC,SX
L76 64 S L74,L75 AND (PY<=2002 OR PRY<=2002 OR AY<=2002)
SEL HIT RN

FILE 'REGISTRY' ENTERED AT 11:18:33 ON 12 JAN 2006

L77 33 S E71-E103
L78 10 S L77 AND L63
L79 23 S L77 NOT L78

FILE 'HCAPLUS' ENTERED AT 11:19:54 ON 12 JAN 2006

L80	61 S I,76 NOT L61
L81	10 S L80 NOT P/DT
L82	51 S L80 NOT L81
L83	67 S L61,L80-L82
L84	51 S L83 AND P/DT AND (PD<=20020701 OR PRD<=20020701 OR AD<=200207
L85	13 S L83 AND PY<=2002 NOT P/DT
L86	64 S L84,L85
L87	3 S L83 NOT L86